

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1549	"magnetic semiconductor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/26 19:30
L3	621	(spin inject\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/04/26 19:30
L4	236287	tunnel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/04/26 19:30
L5	96	L2 L3 L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/26 19:30
L6	2192047	magnet\$3 or ferromagnet\$3 or ferro?magnet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/26 19:30
L7	1644	(257/1 257/2 257/3 257/4 257/5 438/800 438/900). ecls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/26 19:30
L8	1097	((SATOSHI) near2 (SUGAHARA)).INV. or ((MASAAKI) near2 (TANAKA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/26 19:30
L9	6	(JP-11238924-\$ wo- 200169655-\$).DID. ("5747859" "6456523" ). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/26 19:30

L10	11	(JP-11238924-\$ wo-200169655-\$ JP-2003092412-\$ JP-2003152173-\$ EP-1117136-\$).DID. ("5747859" "6456523" ).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/26 19:31
L11	2	L10 L6 FILTER	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/26 19:31
L12	12627	"hot carriers"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/26 19:31
L13	2	"US 20060043443"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/04/26 19:31
L14	2	L12 L13	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/04/26 19:31
L15	2192047	magnet\$3 or ferromagnet\$3 or ferro?magnet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/26 19:31
L16	17381	tunnel\$3 L15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/04/26 19:31
L17	982	L15 adj insulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/26 19:31
L18	1971	L15 adj semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/26 19:31
L19	595	(L17 or L18) L16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/26 19:31

L20	1	(magnetic electrode "spin injector" "spin analyzer" "hot carriers").clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/26 19:33
S1	2	"US 20060043443"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/05/25 11:33
S4	0	("2006/0043443").URPN.	USPAT	AND	ON	2007/03/22 13:54
S5	2413	mram	USPAT	AND	ON	2007/03/22 13:57
S6	1081	mram @pd<"20050101"	USPAT	AND	ON	2007/03/22 13:57
S7	601	mram @pd<"20040101"	USPAT	AND	ON	2007/03/22 13:57
S8	1374	(257/1 257/2 257/3 257/4 257/5 438/800 438/900). ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 13:44
S9	1068	((SATOSHI) near2 (SUGAHARA)).INV. or ((MASAAKI) near2 (TANAKA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 11:33
S10	2052733	magnet\$3 or ferromagnet\$3 or ferro?magnet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 14:48
S11	2	"US 20060043443"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/05/25 13:43
S12	7	(JP-11238924-\$ wo- 200169655-\$).DID. ("5747859" "6456523" ). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 13:48
S13	12	(JP-11238924-\$ wo- 200169655-\$ JP- 2003092412-\$ JP- 2003152173-\$ EP-1117136- \$).DID. ("5747859" "6456523" ).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 13:49
S14	11	S13 S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 14:06

S15	2	S13 S10 FILTER	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 14:11
S16	1	2002jp-217336.ap.prai.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 14:12
S17	34065	tunnel\$3 S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 14:49
S18	15197	tunnel\$3 S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/05/25 15:12
S19	7	S13 S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 14:43
S20	0	(mtj or tnr) S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 14:41
S21	892	S10 adj insulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 14:46
S22	105001	"iron oxide"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 14:44
S23	0	(S21 or S22) S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 14:47
S24	124826	fe2o3 or S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 14:45

S25	1628	S10 adj semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 14:46
S26	0	S24 S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 14:47
S27	490	(S21 or S25) S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 14:47
S28	92	ferromagnetic adj (insulator or semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/25 14:49
S29	339	ferromagnetic adj (insulator or semiconductor or semiconductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/25 14:49
S30	163	tunnel\$3 S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 14:51
S31	12	(euo or eus) S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 15:10
S32	186165	S29 or euo or eus or S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 15:07
S33	6	(spin injection) and (spin analyzer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/25 15:09
S34	10	(spin inject\$3) and (spin analyzer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/25 15:12

S35	83898	euo or eus inmnas gamnas mnge algaas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 15:12
S36	1273	"magnetic semiconductor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 15:12
S37	427	(spin inject\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/25 15:12
S38	216954	tunnel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/05/25 15:12
S39	77	S36 S37 S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 16:04
S40	22	(ga adj mn adj as) S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 16:08
S41	62	((ga adj mn adj as) or gamnas) S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/05/25 16:09
S42	1432	"magnetic semiconductor"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 12:43
S43	522	(spin inject\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/11/30 12:43
S44	227590	tunnel\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/30 12:43

S45	90	S42 S43 S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 12:43
S46	2126860	magnet\$3 or ferromagnet\$3 or ferro?magnet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 12:46
S47	16390	tunnel\$3 S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2007/11/30 12:43
S48	934	S46 adj insulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 12:43
S49	1815	S46 adj semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 12:43
S50	542	(S48 or S49) S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 12:43
S51	1081	((SATOSHI) near2 (SUGAHARA)).INV. or ((MASAAKI) near2 (TANAKA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 12:44
S52	1510	(257/1 257/2 257/3 257/4 257/5 438/800 438/900). ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 12:44
S53	2	"US 20060043443"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/11/30 13:22
S54	7	(JP-11238924-\$ wo- 200169655-\$).DID. ("5747859" "6456523" ). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 12:44

S55	4390	spin injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 12:45
S56	4292	mram @pd<"20050101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 12:46
S57	320862	spin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 12:47
S58	2127649	magnet\$3 or ferromagnet\$3 or ferro?magnet\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 12:47
S59	2035	S55 S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 12:47
S60	3681	spin adj filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 13:34
S61	24	S60 S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 12:48
S62	1	2000GB-0006142.S45.ap, prai.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/11/30 13:23
S63	18	"06142"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/11/30 13:24
S64	2	"20030164509".pn.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/11/30 13:25
S65	1	wo-200169655-\$,did.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/11/30 13:29
S66	2	"5416353".pn.	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2007/11/30 13:33



S67	159445	emitter collector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 13:34
S68	8	S67 S60 S55 S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 13:35
S69	2	"20030164509".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/30 13:43
S70	1	WO-0169655-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 15:46
S71	0	WO-0169655-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 15:46
S72	0	WO-200169655-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 15:46
S73	1	WO "0169655"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 15:47
S74	0	WO "01/69655"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 15:47
S75	4582	spin injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 15:53
S76	2183133	magnet\$3 or ferromagnet\$3 or ferro?magnet\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 15:53

S77	3845	spin adj filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 15:53
S78	160244	emitter collector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 15:53
S79	10	S78 S77 S75 S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 15:53
S80	2182344	magnetS3 or ferromagnetS3 or ferro?magnetS3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 15:53
S81	11	(JP-11238924-\$ wo- 200169655-\$ JP- 2003092412-\$ JP- 2003152173-\$ EP-1117136- \$).DID. ("5747859" "6456523" ).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 15:53
S82	11	S81 S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 15:53
S83	2	"US 20060043443"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/03/27 15:53
S84	1619	(257/1 257/2 257/3 257/4 257/5 438/800 438/900). ecls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 15:53
S85	2140	S75 S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 15:53

S86	8	(US-20030012050-\$ or US-20030164509-\$ or US-20020096698-\$).did. or (US-6169688-\$ or US-6403999-\$ or US-5747859-\$ or US-5416353-\$).did. or (WO-200169655-\$ or JP-06097531-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2008/03/27 16:25
S87	0	(gate with (insulat\$3 or oxide or dielectric)) and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:25
S88	6	(JP-11238924-\$ wo-200169655-\$).DID. ("5747859" "6456523" ). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 16:25
S89	1619	(257/1 257/2 257/3 257/4 257/5 438/800 438/900). ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/27 16:25
S90	1096	((SATOSHI) near2 (SUGAHARA)).INV. or ((MASAAKI) near2 (TANAKA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:25
S91	4582	spin injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:26
S92	2183133	magnet\$3 or ferromagnet\$3 or ferro?magnet\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:26
S93	3845	spin adj filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:26
S94	160244	emitter collector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:26

S95	10	S94 S93 S91 S92	US-PGPUB; USPAT; USOCR; EPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:26
S96	2182344	magnet\$3 or ferromagnet\$3 or ferro?magnet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:26
S97	1947	S96 adj semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:26
S98	193	(gate with (insulat\$3 or oxide or dielectric)) and S97	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:27
S99	15	(gate with (insulat\$3 or oxide or dielectric)) and S97 S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:28
S100	15	(gate with (insulat\$3 or oxide or dielectric)) and S97 S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:28
S101	23	S99 or S100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:28
S102	20	source drain and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:29
S103	3	eus and S102	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:34
S104	3	(eus or (europium adj sulf \$3)) and S102	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:35

\$105	7	eus and S98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:36
\$106	5	schottky and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/27 16:43
\$107	1097	((SATOSHI) near2 (SUGAHARA)).INV. or ((MASAAKI) near2 (TANAKA)).INV.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:44
\$108	1639	(257/1 257/2 257/3 257/4 257/5 438/800 438/900). ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 18:44
\$109	6	(JP-11238924-\$ wo- 200169655-\$).DID. ("5747859" "6456523" ). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 18:44
\$110	2190663	magnet\$3 or ferromagnet\$3 or ferro?magnet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:44
\$111	11	(JP-11238924-\$ wo- 200169655-\$ JP- 2003092412-\$ JP- 2003152173-\$ EP-1117136- \$).DID. ("5747859" "6456523" ).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 18:44
\$112	2	S111 S110 FILTER	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:44
\$113	17357	tunnel\$3 S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2008/04/22 18:44
\$114	981	S110 adj insulator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:44

S115	1967	S110 adj semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:44
S116	595	(S114 or S115) S113	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:44
S117	4613	spin injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:45
S118	3871	spin adj filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:45
S119	2190663	magnet\$3 or ferromagnet\$3 or ferro?magnet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:45
S120	1967	S119 adj semiconductor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:45
S121	15	(gate with (insulat\$3 or oxide or dielectric)) and S120 S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:45
S122	15	(gate with (insulat\$3 or oxide or dielectric)) and S120 S118	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:45
S123	23	S121 or S122	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:45
S124	8	("20020064004" "5,565,695" "5,962,905" "20010031547").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/22 18:52

S125	0	S124 S110 S113 S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:52
S126	3	S124 S110 S113	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:54
S127	8	S124 S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 18:54
S128	12610	"hot carriers"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 19:41
S129	2	"US 20060043443"	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/04/22 19:44
S130	2	S128 S129	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/04/22 19:45
S131	9	(US-20030012050-\$ or US-20030164509-\$ or US-20020096698-\$).did. or (US-6169688-\$ or US-6403999-\$ or US-5747859-\$ or US-5416353-\$ or US-6885065-\$).did. or (WO-200169655-\$ or JP-06097531-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2008/04/22 19:46
S132	0	S128 S131	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/04/22 19:46

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